

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A recording/reproducing apparatus configured to record information in a recording medium and reproduce the information from the recording medium, the apparatus being capable of communicating with a data transmission site and another apparatus through a network, the recording/reproducing apparatus comprising:

a control unit configured to control the recording and reproducing of the information based on firmware;

a receiving unit configured to receive first information from the other apparatus through the network, the first information including a request of updating of the firmware;

an output unit configured to output second information to the data transmission site ~~through~~^{through} the network in response to reception of the first information, the second information includes a request ~~of~~^{for} transmitting third information used for updating the firmware; and

a unit configured to acquire the third information from data transmission site through the network to update the firmware.

2. (Original) A recording/reproducing apparatus according to claim 1, wherein the output unit adds specific information for identifying the recording/reproducing apparatus to the second information.

3. (Original) A recording/reproducing apparatus according to claim 1, further comprising:

a unit configured to supply fourth information indicating end of acquisition of the third information to the other apparatus through the network.

4. (Currently Amended) A recording/reproducing apparatus configured to record information in a recording medium and reproduce the information from the recording

medium, the apparatus being capable of communicating with a data transmission site and an other apparatus through a network, said recording/reproducing apparatus comprising:

a control unit configured to control the recording and reproducing of the information based on firmware;

a receiving unit configured to receive first information from the other apparatus through the network, the first information including a request ~~of to~~ update page data;

a first output unit configured to output second information to the data transmission site ~~through through~~ the network in response to reception of the first information, the second information include a request ~~of for~~ transmitting the update page data;

a unit configured to acquire the update page data from the data transmission site ~~through through~~ the network;

a unit configured to transfer the update page data to the other apparatus through the network;

a unit configured to receive third information from the other apparatus ~~through through~~ the network, the third information includes a request of updating ~~of for~~ the firmware;

a second output unit configured to output fourth information to the data transmission site through the network in response to reception of the third information, the fourth information includes a request ~~of for~~ transmitting fifth information used for updating the firmware; and

a unit configured to acquire the fifth information from the data transmission site through the network.

5. (Original) A recording/reproducing apparatus according to claim 4, wherein the first output unit adds model information for indicating the model of the apparatus to the second information.

6. (Original) A recording/reproducing apparatus according to claim 4, wherein the second output unit adds specific information for identifying the apparatus to the fourth information.

7. (Original) A recording/reproducing apparatus according to claim 4, further comprising:

a unit configured to output fifth information indicating end of acquisition of the update data through the network to the other apparatus.

8-10. (Cancelled).

11. (Original) A method which is applied to a recording/reproducing apparatus configured to record information in a recording medium and reproduce the information from the recording medium based on firmware, and which updates the firmware, said method comprising:

receiving first information from a network, the first information being information requesting an update page data of the firmware;

outputting second information to the network in response to reception of the first information, the second information being used for requesting the update page data;

acquiring the update page data from the network;

outputting the update page data through the network to a transmitter from which the first information is transmitted;

receiving third information from the network, the third information being information requesting update data;

outputting fourth information to the network in response to reception of the third information, the fourth information being information requesting the update data; and

acquiring the update data from the network.

12. (Original) A method according to claim 11, wherein model information is added to the second information.

13. (Original) A method according to claim 11, wherein specific information is added to the fourth information.

14. (Original) A method according to claim 11, further comprising outputting information indicating end of acquisition of the update data to the transmitter from which the

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Attorney Docket: 008312-0306943

first information is transmitted, the information being sent to the transmitter by way of the network.